

The fields in red are required:



Agency name: **Vallecitos Water District** Primary contact:
First name: **Torrey**
Reporting unit name:
(District name): **Vallecitos Water District** Last name: **Webb**
Reporting unit number: **231** Email: **twwebb@vwd.org**

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

2009

[Link to FAQs](#)

[View MOU](#)

BMP 4 CII

Traditional ☐
(Section A - L)

FlexTrack ☒
(All Sections)

For Traditional Track please answer the fields within the traditional boxes.

For Flex Track option, please answer the fields within the flex track boxes.

You must enter all measured water savings manually in the summary cells on the right. For each measure entered, upload a spreadsheet with sufficient information to show the way that water savings was measured and that the measure was adequately tracked (i.e., all relevant data was collected) - in some cases there are specific data points also requested in the flex track data entry form which are necessary to show that the measure was implemented as described.

CII Type of measure implemented

	Traditional	Flex Track	Measured water savings (AF/Year)
	A) High - Efficiency Toilets.		
	Number		
	Type of program	Select an Option	
	Other type of program		
	Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 0.041748 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings (AF/Year)		
	Measure life (years)		
	Lifetime water savings (years)		
	If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org		

B) High - Efficiency Urinals (0.5 gpf)

Flex Track	Traditional	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
		Type of program	<input type="text"/>	
Other type of program	<input type="text"/>			
Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No				Council's Annual Water Savings 0.069086 AF per device
If not, Please provide the following				
Total Measured Water Savings(AF/Year)				<input type="text"/>
Measure life (years)				<input type="text"/>
Lifetime water savings (years)				<input type="text"/>
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org				
<input type="text"/>				

C) Ultra Low Volume Urinals (0.125 gpf)

Flex Track	Traditional	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
		Type of program	Select an Option	
Other type of program	<input type="text"/>			
Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No				Council's Annual Water Savings 0.080603 AF per device
If not, Please provide the following				
Total Measured Water Savings(AF/Year)				<input type="text"/>
Measure life (years)				<input type="text"/>
Lifetime water savings (years)				<input type="text"/>
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org				
<input type="text"/>				

D) Zero Consumption Urinals (0.0 gpf)

Flex Track	Traditional	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
		Type of program	Select an Option	
Other type of program	<input type="text"/>			
Do you accept the Council's default savings number for this measure? <input type="radio"/> Yes <input type="radio"/> No				

Flex Track	If not, Please provide the following:		Council's Annual Water Savings 0.0921146 AF per device
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org <input style="width: 100%;" type="text"/>			

E) Commercial High - Efficiency Single Load Clothes Washers

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Type of program	<input type="text"/>	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure ? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 0.116618 AF per device
	If not , Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
	If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org <input style="width: 100%;" type="text"/>		

F) Cooling Tower Conductivity Controllers.

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Type of program	Select an Option	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure ? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 1.032250 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
	If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org <input style="width: 100%;" type="text"/>		

G) Cooling Tower pH Controllers

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year)
	Type of program	Select an Option	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure ? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 3.981543 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet			
Enter the file name and Email to Natalie@cuwcc.org			
<input type="text"/>			

H) Connectionless Food Steamers.

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year)
	Type of program	<input type="text"/>	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure ? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 0.25 AF per Steamer Compartment
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet			
Enter the file name and Email to Natalie@cuwcc.org			
<input type="text"/>			

I) Medical Equipment Steam Sterilizers

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year)
	Type of program	<input type="text"/>	
	Other type of program	<input type="text"/>	
Flex Track			

Flex Track	Do you accept the Council's default savings number for this measure?	<input type="radio"/> Yes <input type="radio"/> No	Council's Annual Water Savings 1.538 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org <input style="width: 100%;" type="text"/>			

J) Water - Efficient Ice Machines.

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Type of program	Select an Option	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure ?	<input type="radio"/> Yes <input type="radio"/> No	Council's Annual Water Savings 0.0834507 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org <input style="width: 100%;" type="text"/>			

K) Pressurized Water Brooms.

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Type of program	Select an Option	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure?	<input type="radio"/> Yes <input type="radio"/> No	Council's Annual Water Savings 0.1534 AF per device

Flex Track	If not, Please provide the following:	
	Total Measured Water Savings(AF/Year)	<input type="text"/>
	Measure life (years)	<input type="text"/>
	Lifetime water savings (years)	<input type="text"/>
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org <input type="text"/>		

L) Dry Vacuum Pumps.

Traditional	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Type of program	Select an Option	
	Other type of program	<input type="text"/>	
Flex Track	Do you accept the Council's default savings number for this measure ? <input type="radio"/> Yes <input type="radio"/> No		Council's Annual Water Savings 0.064 AF per device
	If not, Please provide the following:		
	Total Measured Water Savings(AF/Year)	<input type="text"/>	
	Measure life (years)	<input type="text"/>	
	Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org <input type="text"/>			

Traditional Reporting Stop Here, Do not continue

Flex Track Reporting Please Continue...

M) Industrial Process Water Use Reduction.

	Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Type of program	Select an Option	
	Other type of program	<input type="text"/>	
	Type of Process Water Reduced	<input type="text"/>	
	If re-using water, what was the secondary use of the water? (such as pre-rinse cycle or landscaping)	<input type="text"/>	

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime wafer savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

N) Commercial Laundry Retrofits.

Number of customers

Measured
water savings
(AF/Year)

Type of customer
☐ hotels
☐ campuses
☐ prisons
☐ laundromats

Lease / own machines
☐ Lease ☐ Own Machines ☐ Both

Type of program

Other type of program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

O) Industrial Laundry Retrofits.

Measured
water savings
(AF/Year)

Total Number of customers

Total Volume of laundry processed annually

Type of program

Other type of
program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

P) Filter Upgrades (for pools, spas, and fountains).

Number of pools
upgraded

Number of spas
upgraded

Number of
fountains
upgraded

Measured
water savings
(AF/Year)

Type of program

Select an Option

Other type of
program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

Q) Car Wash Reclamation Systems

Measured
water savings
(AF/Year)

Total Number of program participants (accounts)	Conveyor	In-bay
	<input type="text"/>	<input type="text"/>
Total Number of vehicles washed annually	<input type="text"/>	<input type="text"/>
Do you accept the Council's default savings number for this measure?	<input type="radio"/> Yes <input type="radio"/> No	
If not, Please provide the following:	<div style="border: 1px solid black; padding: 5px;"> Council's Annual Water Savings 0.00004607 (or 15 gals) per vehicle </div>	
Total Measured Water Savings(AF/Year)	<input type="text"/>	
Measure life (years)	<input type="text"/>	
Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org		
<input type="text"/>		

R) Wet Cleaning.

Brief description of program	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
Total Measured Water Savings(AF/Year)	<input type="text"/>	
Measure life (years)	<input type="text"/>	
Lifetime water savings (years)	<input type="text"/>	
If you are using your own water-savings measure, send your supporting spreadsheet Enter the file name and Email to Natalie@cuwcc.org		
<input type="text"/>		

S) Water Audits (To avoid double counting, do not include device/replacement water savings.)

Number of water audits by type of business		Measured water savings (AF/Year)
Auto	<input type="text"/>	<input type="text"/>
Food	<input type="text"/>	
Health	<input type="text"/>	
Hotels	<input type="text"/>	

Manufacturing

Membership

Multi-use

Office

Religious

Restaurant

Retail/
Wholesale

School

Other (with
description)

Description of
Other

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

T) Clean In Place (CIP) Technology

(such as bottle sterilization in a beverage processing plant)

Measured
water savings
(AF/Year)

Number of
customers

Type of program

Other type of
program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

U) Waterless Wok

Number

Measured
water savings
(AF/Year)

Type of program

Select an Option

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

V) Alternative On-site Water Sources

(For Rain Water Harvesting, commercial
rain barrels are excluded. For Foundation Drain
Water, exclude permeable paving.)

Measured
water savings
(AF/Year)

Select type	Number	Description
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<input type="checkbox"/> Cooling Condensate	<input type="text"/>	<input type="text"/>
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<input type="checkbox"/> Foundation Drain Water	<input type="text"/>	<input type="text"/>
--	----------------------	----------------------

<input type="checkbox"/> Gray Water	<input type="text"/>	<input type="text"/>
--	----------------------	----------------------

<input type="checkbox"/> Storm Water	<input type="text"/>	<input type="text"/>
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<input type="checkbox"/> Rain Water	<input type="text"/>	<input type="text"/>
--	----------------------	----------------------

<input type="checkbox"/> Pond and Water Feature Recycling	<input type="text"/>	<input type="text"/>
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Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

W) Sub - metering

Measured
water savings
(AF/Year)

Select type	Number	Description
<input type="checkbox"/> Condominiums	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Apartments	<input type="text"/>	<input type="text"/>
<input type="checkbox"/> Mobile Homes	<input type="text"/>	<input type="text"/>

Do you accept the
Council's default
savings numbers for this
measure?

☐ Yes ☐ No

Council's Annual Water Savings
Appartments & Condos=0.024419 AF/YR
Mobile Home = 0.056774 AF/Yr

If not, Please provide the following:

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

X) High Efficiency Showerheads

Measured
water savings
(AF/Year)

Number

Type of program

Other type of
program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

Y) Faucet Flow Restrictors

Measured
water savings
(AF/Year)

Number

Type of program

Other type of
program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

Z) Water Efficient Dishwashers

Measured
water savings
(AF/Year)

Select type

Number

☐ Rack

☐ Conveyor

☐ Other

Description
of Other

Type of
program

Other type of
program

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet

Enter the file name and Email to Natalie@cuwcc.org

AA) Hot Water on Demand

Number

Type of program

Select an Option

Other type of
program

Measured
water savings
(AF/Year)

Total Measured Water Savings(AF/Year)

Measure life (years)

Lifetime water savings (years)

If you are using your own water-savings measure, send your supporting spreadsheet

Enter the file name and Email to Natalie@cuwcc.org

BB) Pre-rinse Spray Valves of 1.3 gpm (gallons per minute) or less

Number

Type of program

Select an Option

Other type of
program

Measured
water savings
(AF/Year)

Total Measured Water Savings(AF/Year)	<input type="text"/>
Measure life (years)	<input type="text"/>
Lifetime water savings (years)	<input type="text"/>

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

CC) Central Flush Systems

Number	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
Type of program	<input type="text" value="Select an Option"/>	
Other type of program	<input type="text"/>	

Total Measured Water Savings(AF/Year)	<input type="text"/>
Measure life (years)	<input type="text"/>
Lifetime water savings (years)	<input type="text"/>

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

Other Measures chosen by the Agency

Description of program	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
Sample (if applicable)	<input type="text"/>	

Total Measured Water Savings(AF/Year)	<input type="text"/>
Measure life (years)	<input type="text"/>
Lifetime water savings (years)	<input type="text"/>

If you are using your own water-savings measure, send your supporting spreadsheet
Enter the file name and Email to Natalie@cuwcc.org

Table 3-1: Base Daily per Capita Water Use – 10-Year Range

Base period year		Distribution System Population	Daily System Gross Water Use (MGD)	Average Daily per Capita Water Use (gpcd)	Average gpcd 10-Year
Sequence Year	Fiscal Year End				
Year 1	1995	50,149	8.81	175.6	
Year 2	1996	51,974	10.06	193.6	
Year 3	1997	53,865	10.45	193.9	
Year 4	1998	55,825	9.59	171.8	
Year 5	1999	57,856	10.73	185.5	
Year 6	2000	59,968	12.48	208.1	
Year 7	2001	60,481	12.08	199.7	
Year 8	2002	64,154	13.33	207.7	
Year 9	2003	67,191	13.41	199.6	
Year 10	2004	70,668	14.91	211.0	
Year 11	2005	75,992	14.30	188.2	195.9
Year 12	2006	79,986	15.30	191.2	195.7
Year 13	2007	82,967	17.29	208.3	197.1
Year 14	2008	85,910	16.55	192.7	199.2
Year 15	2009	86,673	15.53	179.2	198.6
Year 16	2010	87,728	13.56	154.6	193.2
Base Daily per Capita Water Use					199.2



The fields in red are required.

Agency name:
Reporting unit name (District name):
Reporting unit number:

Primary contact:

First name:
Last name:
Email:

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

2009

BMP 5 Landscape

[Link to FAQs](#)

[View MOU](#)

☐ Traditional

☒ Flex Track

For Traditional Track please answer the fields within the traditional boxes.

For Flex Track option, please answer the fields within the flex track boxes.

You must enter all measured water savings manually. For each measure entered, upload a spreadsheet with sufficient information to show the way that water savings were measured and that the measure was adequately tracked (i.e., all relevant data was collected) - in some cases there are specific data point also requested in form which are necessary to show that the measure was implemented as described.

Accounts with Dedicated Irrigation Meters

Traditional	Number of dedicated irrigation meter accounts	<input type="text"/>
	Number of dedicated irrigation meter accounts with water budgets	<input type="text"/>
	Aggregate water use for dedicated non-recreational landscape accounts with budgets	<input type="text"/>
	Aggregate acreage assigned water budgets for dedicated non-recreational landscape accounts with budgets	<input type="text"/>
	Preserved water use records and budgets for customers with dedicated landscape irrigation accounts for at least four years	<input type="radio"/> Yes <input type="radio"/> No
	Flex Track	Water Savings from Accounts with dedicated irrigation meters with water budgets (Acre Feet)
If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data) (Enter the file name and Email file to Natalie@cuwcc.org)		
<input type="text"/>		

Technical Assistance

Traditional	Number of Accounts 20% over-budget	<input type="text"/>
	Number of accounts 20% over-budget offered technical assistance	<input type="text"/>
	Number of accounts 20% over-budget accepting technical assistance	<input type="text"/>
	Flex Track	Measured water savings (AF/Year)
If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data) (Enter the file name and Email file to Natalie@cuwcc.org)		
<input type="text"/>		

Irrigation Water Use Surveys for Mixed-use and Un-metered Accounts

Traditional	Number of mixed use and un-metered accounts	<input type="text"/>	Measured water savings (AF/Year) <input type="text"/>
	Number of irrigation water use surveys offered (cumulative, all years)	<input type="text"/>	
	Number of irrigation water use surveys accepted (cumulative)	<input type="text"/>	
	Can your Agency estimate the amount of landscape acreage for mixed use and Un-metered accounts	<input type="radio"/> Yes <input type="radio"/> No	
	If Yes, Aggregate acreage for mixed use and Un-metered accounts	<input type="text"/>	
Flex Track	Estimated water demand from acreage for mixed use and Un-metered accounts	<input type="text"/>	
	Annual water savings by customers receiving irrigation water savings surveys and implementing recommendations	<input type="text"/>	
	If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data) (Enter the file name and Email file to Natalie@cuwcc.org)		
<input type="text"/>			

Financial Incentives

Traditional	Have you implemented and maintained an irrigation equipment retrofit incentive program? <input type="radio"/> Yes <input type="radio"/> No			Measured Water Savings (AF/YR) <input type="text"/>
	Number of incentives	Dollar value of incentives	Incentive Types	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data) (Enter the file name and Email file to Natalie@cuwcc.org)				
<input type="text"/>				

Traditional Reporting Stop Here, Do not continue
Flex Track Reporting Please Continue...

Landscape Flex Track Measure Types

1. Monitor and report on landscape water use

- A) Measure landscapes and develop water budgets for customers with dedicated landscape meters. Provide timely water use reports with comparisons of water use to budget that provide customers the information they need to adjust irrigation schedules (such as faxes, twitter, etc. not included in the previous sections).

Measured
water savings
(AF/Year)

Enter the Number of sites with:

Dedicated Mixed Meters

Water Budgets

Landscape Measurements

Others (describe)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

- B) Measure landscapes and develop water budgets for customers with Mixed Use meters. Provide timely water use reports with comparisons of water use to budget that provide customers the information they need to adjust irrigation schedules.

Measured
water savings
(AF/Year)

Enter the Number of sites with:

Dedicated Mixed Meters

Water Budgets

Landscape Measurements

Others (describe)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

- C) Establish agency-wide water budget. (Note that: ETo based water budget in the MWELo changed in 2010 from .8ETo to .7ETo.)

Agency-wide total irrigated area

(Acres)

Measured
water savings
(AF/Year)

Amount of Water Used

(AF/Acre)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

D) Establish agency-wide, sector-based irrigation goal to reduce water use, based on seasonality.

Number of minimum irrigation goal (AF/Acre)

Amount of Water Used per Period (AF/Period)

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

2. Provide technical landscape resources and training

A) Upon customer requests, provide landscape irrigation management and landscape design information and resources: provide assistance, answer customer questions, respond to run-off and high-bill calls.

Enter the Number of:

Contacts In Person

Contacts over the phone

Contacts via Email

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

B) Perform landscape & irrigation audits: including irrigation scheduling, plant information, and landscape area measurement.

Enter the Number of:

Audits conducted per year

Measurement of square
footage of Turf areas

Measurement of square
footage of NON Turf areas

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

C) Sponsor, co-sponsor, promote, or support landscape workshops, training, presentations and other technical educational events for homeowners and professionals: design, installation, maintenance, water management.

Enter the Number of:

Events

Participants

List Type or
Title of Events

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

D) Establish Time-of-Day Irrigation Restrictions.

☐ Yes ☐ No

Describe Restrictions:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

E) Establish Day-of-Week Irrigation Restrictions.

☐ Yes ☐ No

Describe Restrictions:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

3. Provide incentives

A) Establish Landscape budget-based rates. ☐ Yes ☐ No

Describe Rates:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

B) Provide incentives for conversions from mixed-use meters to dedicated landscape meters.

Number of Conversions:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

C) Provide incentives for installing sub-meters to separate landscape water use

Number of meters installed:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

D) Provide incentives for irrigation equipment upgrades that improve distribution uniformity, irrigation efficiency, or scheduling capabilities.

Select types of irrigation equipment upgrades:

- ☐ Controllers
☐ Emitters
☐ Soil moisture sensors
☐ Pressure Regulators
☐ Rain shut off devices
☐ Other (describe)

Number of devices installed

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

E) Provide incentives for the reduction of water use over an irrigated area, or reduction in the size of the irrigated area due to replacement of turf or other high water-using plants with low water-using plants, artificial turf, or permeable surfaces.

Acreage of live turf converted to low water-using plants, artificial turf, or permeable surfaces: Acres

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

F) Provide incentives for conversions from potable to recycled water.

Number of
Conversions:
Number of
Incentives:
Funds Invested:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

G) Provide incentives for the use of alternative sources of water in the landscape (i.e. gray water, rainwater, cisterns, etc.)

Number of
Conversions:
Number of
Incentives:
Funds Invested:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

4. Participate in local and regional planning and regulatory activities

- A) Collaborate with planning agencies at the local and regional level, other water suppliers in the area and stakeholders in response to state or federal requirements such as the State Model Water Efficient Landscape Ordinance and AB 1881. Participate in the development, review, implementation, and enforcement of requirements for new developments. Provide water use data to planning agencies.

Measured
water savings
(AF/Year)

Public Information Programs List

Agency Type	Describe Involvement	If Ohter: Enter Name	Actions
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

- B) Establish or participate in a water conservation advisory committee or other community outreach effort to drive market transformation and exchange information about landscape water conservation with developers, community-based organizations, homeowners associations, residential customers, landscape professionals, educators, other water suppliers in region.

☐ Yes ☐ No

Describe Involvement:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

C) Participate in regional efforts: integrated water resource management, watershed management, NPDES permit agencies, etc.

☐ Yes ☐ No

Describe Involvement:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

5. Develop a holistic approach to landscape water use efficiency

A) Develop and implement a comprehensive landscape water conservation program for all customers. Target marketing efforts to those most likely to result in benefits to both customer and Agency.

Describe Program:

Measured
water savings
(AF/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file to Natalie@cuwcc.org)

6. Other Measures

A) Other Landscape Measures.

Describe Other
Landscape Measures:

Measured
water savings
(Af/Year)

If there is Water Savings in this measure, upload the Methodology Spreadsheet (backup data)
(Enter the file name and Email file Natalie@cuwcc.org)

Table 3-1: Base Daily per Capita Water Use – 10-Year Range

Base period year		Distribution System Population	Daily System Gross Water Use (MGD)	Average Daily per Capita Water Use (gpcd)	Average gpcd 10-Year
Sequence Year	Fiscal Year End				
Year 1	1995	50,149	8.81	175.6	
Year 2	1996	51,974	10.06	193.6	
Year 3	1997	53,865	10.45	193.9	
Year 4	1998	55,825	9.59	171.8	
Year 5	1999	57,856	10.73	185.5	
Year 6	2000	59,968	12.48	208.1	
Year 7	2001	60,481	12.08	199.7	
Year 8	2002	64,154	13.33	207.7	
Year 9	2003	67,191	13.41	199.6	
Year 10	2004	70,668	14.91	211.0	
Year 11	2005	75,992	14.30	188.2	195.9
Year 12	2006	79,986	15.30	191.2	195.7
Year 13	2007	82,967	17.29	208.3	197.1
Year 14	2008	85,910	16.55	192.7	199.2
Year 15	2009	86,673	15.53	179.2	198.6
Year 16	2010	87,728	13.56	154.6	193.2
Base Daily per Capita Water Use					199.2

The fields in red are required:

Primary contact:

Agency name: Vallecitos Water District First name: Torrey
 Division name (Reporting unit): Vallecitos Water District Last name: Webb
 Reporting unit number: 231 Email: twebb@vwd.org



WATER SOURCES

Service Area Population: 87,700

Potable Water

Own Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
		Surface	
		Surface	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	

Imported Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
Colorado River	14,351.04	Surface	Transported from Lake Skinner
Sacramento-San Joaquin Delta	1,956.96	Surface	Transported from Lake Skinner
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	

Exported Water Name	AF/YEAR	Where Exported?

2010

The fields in red are required.

Primary contact:

Agency name: **Vallecitos Water District** First name: **Torrey**
 Division name (Reporting unit): **Vallecitos Water District** Last name: **Webb**
 Reporting unit number: **231** Email: **twebb@vwd.org**



Water Uses 2010

Potable Water Billed

Make sure to enter numbers in AFY Year.



Customer Type	Meter Accounts	Metered Water Delivered	Un-metered Accounts	Un-metered Water Delivered	Description
Single-Family	18,072.00	7,507.00			
Multi-Family	508.00	2,019.00			
Commercial	772.00	1,097.00			
Industrial	116.00	191.00			
Institutional	101.00	377.00			
Dedicated Irrigation	784.00	2,654.00			
Agricultural	169.00	1,358.00			
Fire Lines	446.00	4.00			
System Flushing	0.00	0.00			
Other	31.00	53.00			
Other					
Other					
Other					

Potable Water Un-Billed

Customer Type	Meter Accounts	Metered Water Delivered	Un-metered Accounts	Un-metered Water Delivered	Description
Single-Family	18,072.00	895.00			
Multi-Family	508.00	160.00			
Commercial	772.00	87.00			
Industrial	116.00	15.00			
Institutional	101.00	30.00			
Dedicated Irrigation	784.00	211.00			
Agricultural	169.00	108.00			
Fire Lines	441.00	0.00			
System Flushing	0.00	0.00			
Other	31.00	4.00			
Other					
Other					
Other					

The fields in red are required.

Primary contact:

Agency name: Vallecitos Water District

First name: Torrey

Reporting unit name

(District name) Vallecitos Water District

Last name: Webb

Reporting unit number: 231

Email: twebb@vwd.org

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.



[Link to FAQs](#)

2010

BMP 1.1 Operations Practices

Comments:

[See the complete MOU:](#) [View MOU](#)

[See the coverage requirements for this BMP:](#)

Conservation Coordinator

Conservation Coordinator ☐ Yes ☒ No

Contact Information

First Name: Torrey

Last Name: Webb

Title: Public Information Representative

Phone: 760-744-0460

Email: twebb@vwd.org

Note that the contact information may be the same as the primary contact information at the top of the page. If this is your case, excuse the inconvenience but please enter the information again.

Water Waste Prevention

Water Agency shall do one or more of the following:

- Enact and enforce an ordinance or establish terms of service that prohibit water waste
- Enact and enforce an ordinance or establish terms of service for water efficient design in new development
- Support legislation or regulations that prohibit water waste
- Enact an ordinance or establish terms of service to facilitate implementation of water shortage response measures
- Support local ordinances that prohibit water waste
- Support local ordinances that establish permits requirements for water efficient design in new

To document this BMP, provide the following:

- A description of, or electronic link to, any ordinances or terms of service
- A description of, or electronic link to, any ordinances or requirements adopted by local jurisdictions or regulatory agencies with the water agency's service area.
- A description of any water agency efforts to cooperate with other entities in the adoption or enforcement of local requirement
- description of agency support positions with respect to adoption of legislation or regulations

You can show your documentation by providing files, links (web addresses), and/or entering a description.

File name(s): Email files to natalie@cuwcc.org

Web address(s) URL: comma-separated list

Enter a description:

For compliance, Vallecitos Water District adopted Ordinance No. 159. It is patterned after the conservation actions of its wholesaler and establishes regulation through water-saving actions that assure reasonable and beneficial use of water, prevent waste of water, and prevent unreasonable use within the Vallecitos Water District. The nine page document (available upon request) establishes four

The fields in red are required

Primary contact:

Agency name: Vallecitos Water District

First name: Torrey

Reporting unit name

(District name) Vallecitos Water District

Last name: Webb

Reporting unit number: 231

Email: twebb@vwd.org

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.



[Link to FAQs](#)

2010 BMP 1.2 Water Loss Control

[View MOU](#)



AWWA Water Audit

Agency to complete a Water Audit & Balance Using The AWWA Software ☒ Yes ☐ No
Email to natalie@cuwcc.org - Worksheets (AWWA Water Audit). Enter the name of the file below:

2010AWWAWATERAUDIT.xls

Water Audit Validity Score
from AWWA spreadsheet

74



Agency Completed Training In The AWWA Water Audit Method

☒ Yes ☐ No



Agency Completed Training In The Component Analysis Process

☒ Yes ☐ No

Completed/Updated the Component Analysis (at least every 4 years)?

☒ Yes ☐ No



Component Analysis Completed/Updated Date 06/27/2011

Water Loss Performance

Agency Repaired All Reported Leaks & Breaks To The Extent Cost Effective

☒ Yes ☐ No

Recording Keeping Requirements:

Date/Time Leak Reported

Leak Location

Type of Leaking Pipe Segment or Fitting

Leak Running Time From Report to Repair

Leak Volume Estimate

Cost of Repair

Agency Located and Repaired Unreported Leaks to the Extent Cost Effective ☒ Yes ☐ No

Type of Program Activities Used to Detect Unreported Leaks

Free landscape audits, field crew observations, financial reports

Annual Summary Information

Complete the following table with annual summary information (required for reporting years 2-5 only)

Total Leaks Repaired	Economic Value Of Real Loss	Economic Value Of Apparent Loss	Miles Of System Surveyed For Leaks	Pressure Reduction Undertaken for loss reduction	Cost Of Interventions	Water Saved (AF/Year)

Comments:

version 1.0

2010

The fields in red are required.

Primary contact:

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

Agency name: Vallecitos Water District

First name: Torrey

Reporting unit name

(District name) Vallecitos Water District

Last name: Webb

Reporting unit number: 231

Email: twebb@vwd.org



BMP 1.3 Metering with Commodity 2010

[Link to FAQs](#)

See the complete MOU: [View MOU](#)

See the coverage requirements for this BMP: [?](#)

Implementation

Does your agency have any unmetered service connections?

☒ Yes ☐ No

If YES, has your agency completed a meter retrofit plan?

☒ Yes ☐ No

Enter the number of previously unmetered accounts fitted with meters during reporting year:

Are all new service connections being metered?

☒ Yes ☐ No

Are all new service connections being billed volumetrically?

☒ Yes ☐ No

Has your agency completed and submitted electronically to the Council a written plan, policy or program to test, repair and replace meters?

☐ Yes ☒ No

Please Fill Out The Following Matrix

Account Type ?	# Metered Accounts	# Metered Accounts Read	# Metered Accounts Billed by Volume ?	Billing Frequency Per Year	# of estimated bills/yr
Single-Family	18,072	18,072	18,072	Monthly	12
Multi-Family	508	508	508	Monthly	12
Commercial	772	772	772	Monthly	12
Industrial	116	116	116	Monthly	12
Institutional	101	101	101	Monthly	12
Dedicated Irrigation	784	784	784	Monthly	12
Agricultural	169	169	169	Monthly	12
Fire Lines	446	446	446	Monthly	12
System Flushing	0	0	0	Other	
Other	31	31	31	Monthly	12

Number of CII Accounts with Mixed-use Meters

0

Number of CII Accounts with Mixed-use Meters Retrofitted with Dedicated Irrigation Meters during Reporting Period

0

Feasibility Study

Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters? ☒ Yes ☐ No

If YES, please fill in the following information:

A. When was the Feasibility Study conducted

B. Describe, upload or provide an electronic link to the Feasibility Study Upload File

File name(s): Email files to natalie@cuwcc.org

Web address(s) URL: comma-separated list

Comments:

The fields in red are required

Primary contact:

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

Agency name: Vallecitos Water District

First name: Torrey

Reporting unit name

(District name) Vallecitos Water District

Last name: Webb

Reporting unit number: 231

Email: twebb@vwd.org



BMP 1.4 Retail Conservation Pricing

[Link to FAQs](#)

[View MOU](#)

If you are reporting more rate structures than this form allows, add the structures to a spreadsheet and send the file to natalie@cuwcc.org.

2009

Implementation (Water Rate Structure)

Enter the Water Rate Structures that are assigned to the majority of your customers, by customer class

Rate Structure	Customer Class	Total Revenue	Commodity Charges	Total Revenue Customer Meter/Service (Fixed Charges)
Increasing Block	Single-Family	8,477,834.00		4,700,888.00
Increasing Block	Multi-Family	3,174,504.00		1,436,952.00
Increasing Block	Commercial	1,814,977.00		505,074.00
Increasing Block	Industrial	309,531.00		78,768.00
Increasing Block	Institutional	409,076.00		172,086.00
Increasing Block	Dedicated Irrigation	1,528,571.00		785,451.00
Increasing Block	Agricultural	1,117,455.00		154,721.00

Implementation Option (Conservation Pricing Option)

- ☐ Use Annual Revenue As Reported
☐ Use Canadian Water & Wastewater Association Rate Design Model

If CWWA is select, enter the file name and email the spreadsheet to natalie@cuwcc.org

Retail Waste Water (Sewer) Rate Structure by Customer Class

Agency Provide Sewer Service

☒ Yes ☐ No

Select the Retail Waste Water(Sewer) Rate Structure assigned to the majority of your customers within a specific customer class.

Rate Structure	Customer Class	Total Revenue	Commodity Charges	Total Revenue Customer Meter/Service (Fixed Charges)
Uniform	Single-Family	6,197,166.00		
Uniform	Multi-Family	4,052,484.00		
Uniform	Commercial	1,536,654.00		
Uniform	Industrial	66,847.00		
Uniform	Institutional	160,001.00		
Uniform	Dedicated Irrigation			
Uniform	Agricultural			

Comments: